

## ABSTRACT

The invention relates to the data transfer method, the image processing method, the data transfer system and the image data processor for transferring digital data, especially for transferring image data. The invention has an object to provide the data transfer method, the image processing method, the data transfer system and the image data processor, wherein the compression ratio is changed corresponding to the transfer rate between connecting devices and the lack of image is avoided. The detecting means detects the data transfer capability of the transmission channel and the transfer end, and the control means changes the compression ratio of the digital data corresponding to the data transfer capability. Subsequently, the compressing means compresses the digital data based on the changed compression ratio and the transfer means transfers the compressed digital data to the transfer end.